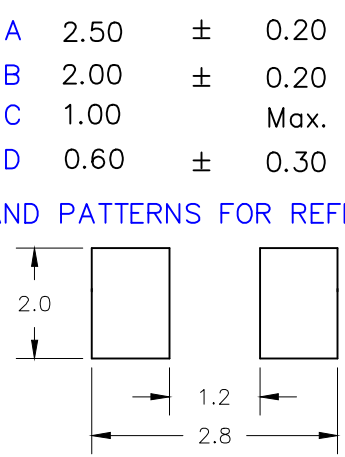
MGV2520104R7M-10

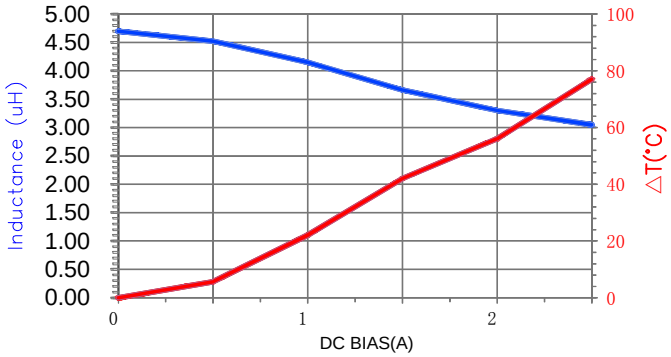
PHYSICAL DIMENSIONS:

A	2.50	±	0.20
B	2.00	±	0.20
C	1.00		Max.
D	0.60	±	0.30



LAND PATTERNS FOR REFLOW SOLDERING

RoHS



ELECTRICAL SPECIFICATION @ 25°C

	Min	Norm	Max
INDUCTANCE (uH) L @ 1MHz/1mA ±20%	3.76	4.70	5.64
DCR (Ω)		0.220	0.262
Saturation Current Isat (A)		1.80	1.62
Heating Current Irms (A)		1.36	1.22

NOTES:

1. OPERATING TEMPERATURE RANGE: −40°C ~ +125°C .
2. STORAGE TEMPERATURE RANGE: −40°C ~ +125°C .
3. Isat MEANS THAT MAX DC CURRENT WILL CAUSE APPROXIMATELY 30% INDUCTANCE REDUCTION FROM INITIAL VALUE.
4. Irms MEANS THAT MAX DC CURRENT WILL CAUSE COIL TEMPERATURE RISE APPROXIMATELY 40°C AT AMBIENT 25±5°C.

DIMENSIONS ARE IN mm.

REV	DESCRIPTION	DATE	INT
A	ORIGINAL DRAFT	06/13/17	QIU

Laird

PROJECT/PART NUMBER: MGV2520104R7M−10	REV: A	PART TYPE: CHOKE INDUCTOR	DRAWN BY: QIU
DATE: 06/13/17	SCALE: NTS	SHEET: 1 of 1	
CAD #: MGV2520104R7M−10−A	TOOL #: −		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Laird Performance Materials:

MGV2520104R7M-10